

Title (en)
ARTHRITIS&DIABETES INSOLE

Title (de)
EINLEGESOHLE FÜR ARTHRITIS- UND DIABETESPATIENTEN

Title (fr)
SEMELLE INTÉRIEURE POUR ARTHRITE ET DIABÈTES

Publication
EP 2211653 A4 20130522 (EN)

Application
EP 08852568 A 20081121

Priority
• US 2008084280 W 20081121
• US 98976707 P 20071121

Abstract (en)
[origin: WO2009067643A1] An insole especially advantageous for arthritic or diabetic patients comprises three layers and is shaped in a form which provides an arch support and an integral heel receiving area. It is made from a generally foot-shaped bottom layer having a length extending from a heel area to a toe area, a top surface and a bottom surface. The bottom surface of the bottom layer preferably further comprises one to three indentations formed integrally therein. Insert layers are secured to each of said indentations. Preferably, the bottom layer is made from an EVA foam. A middle layer having a first and second side is secured to the top surface of the bottom layer adjacent the middle layer's second side. The middle layer is preferably made of a synthetic rubber layer. The middle layer takes the shape of the bottom layer. A top layer is coextensive with and secured to the first side of the synthetic rubber layer. The top layer composition is selected according to the intended use. In use, the foot of the wearer, with or without a sock or stocking thereon, rests upon the top layer in the foot-receiving compartment of the shoe.

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Citation (search report)
• [XAI] US 4800657 A 19890131 - BROWN DENNIS N [US]
• [XAI] WO 2006090398 A2 20060831 - ORVITZ KEVAN [IL]
• [XYI] US 2003070321 A1 20030417 - DAVIS JOHN W [US], et al
• [XYI] US 2003024134 A1 20030206 - HOWLETT HAROLD [US], et al
• [Y] US 4408402 A 19831011 - LOONEY JUDY A [US]
• [Y] US 6519874 B1 20030218 - DEAN NORMAN [US]
• [A] US 2224590 A 19401210 - ODILON BOIVIN
• See references of WO 2009067643A1

Citation (examination)
JP 2005245471 A 20050915 - PRESS CONTROL KK

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JP 2011504400 A 20110210; JP 5438023 B2 20140312; KR 101569219 B1 20151113; KR 20100089813 A 20100812;
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